

REMARKS

Claims 1-12 and 21-28 were previously canceled. Claims 14 and 18 have been canceled by way of this response. Applicants have amended independent claims 13 and 17. Thus, claims 13, 15, 16, and 18-20 are presently pending in this application. Applicants respectfully requests reconsideration and allowance of the pending claims in view of the foregoing amendments and the following remarks.

Response to Rejections Under Section 103:

Claims 13-20 stand rejected under 35 U.S.C § 103(a) as being obvious over US patent No. 1,788,941 (hereinafter Bradley).

M.P.E.P. 2143.03 provides that to establish *prima facie* obviousness of a claimed invention, all the claims limitations must be taught or suggested by the prior art. All words in a claim must be considered for judging the patentability of the claim against the prior art. If an independent claim is nonobvious under 35 U.S.C. 103, then any claim depending there from is nonobvious.

As discussed in greater detail below, applicant respectfully submits that Bradley fails to constitute a *prima facie* reference for sustaining an obviousness rejection, and consequently the 103 rejections should be withdrawn.

Bradley at page 3, lines 17-31 describes that while his invention, in Figs. 1 through 8 is arranged to control an electric alarm circuit, the invention may also be arranged to operate a mechanical alarm, as shown in FIG. 9. However, nowhere does Bradley describe or suggest a structural and/or operational relationship of uniquely assigning an acoustical signal to a specific failure of a respective one of a plurality of rotatable component of the technical installation. Also nowhere does Bradley describe or suggest providing a plurality of plates and uniquely adapting each plate to resonate at a vibration frequency in correspondence with the uniquely assigned acoustic signal. Since Bradley fails to describe or suggest uniquely assigning an acoustical signal to a specific failure of a respective one of the plurality of rotatable component of the technical installation, Bradley cannot uniquely identify which respective one of the plurality of

rotatable components of the power plant is experiencing the failure, as set forth in the claimed invention.

In view of the foregoing considerations, it is respectfully submitted that Bradley fails to teach or suggest each of the structural and/or operational relationships of the claimed invention and therefore Bradley is not an appropriate *prima facie* reference for rejecting claim 13 (and the claims that depend from this independent claim) under 35 USC §103(a) and these rejections should be withdrawn.

Claim 17 is directed to an acousto-mechanical apparatus for monitoring and carrying out a diagnosis for a power plant. In view of the amendments presently made to claim 17 and the discussion above, it is respectfully submitted that Bradley similarly fails to teach or suggest each of the structural and/or operational relationships of the claimed invention, and therefore Bradley fails to constitute an appropriate *prima facie* reference for rejecting claim 17 (and the claims that depend from this independent claim) under 35 USC §103(a) and these rejections should also be withdrawn.

Conclusion

For the foregoing reasons, it is respectfully submitted that each of the claims pending in this application recites patentable subject matter and it is further submitted that such claims comply with all statutory requirements and thus each of such claims should be allowed.

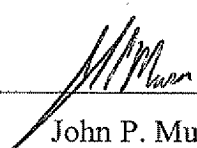
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Please grant any extensions of time required to enter this paper. The commissioner is hereby authorized to charge any appropriate fees due in connection with this paper, including fees for additional claims and terminal disclaimer fee, or credit any overpayments to Deposit Account No. 19-2179.

Respectfully submitted,

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By: _____


John P. Musone
Registration No. 44,961
(407) 736-6449

Siemens Corporation
Intellectual Property Department
170 Wood Avenue South
Iselin, New Jersey 08830